

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q75942

Masamichi OKADA et al.

Divisional of Appln. No.: 10/031,404

Group Art Unit: Not yet assigned

Confirmation No.: Not yet assigned

Examiner: Not yet assigned

Filed: June 26, 2003

For: PHARMACEUTICALS FOR NEUROPATHIC PAIN

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 10/031,404. Applicants are not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.


The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any

INFORMATION DISCLOSURE STATEMENT  
U.S. Application No.: 10/031,404

Attorney Docket No.: Q75942

listed document as a competent reference against the claims of the present application.

Respectfully submitted,

  
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PATENT TRADEMARK OFFICE

Date: June 26, 2003

Substitute for Form 1449 A & B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Div of Appln Number	10/031,404
				Confirmation Number	Not yet assigned
				Filing Date	June 26, 2003
				First Named Inventor	Masamichi OKADA
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
Sheet	1	of	1	Attorney Docket Number	Q75942

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

OTHER ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		MARIAN E. FUNDYTUS, et al., "In vivo antinociceptive activity of anti-rat mGluR <sub>1</sub> and mGluR <sub>5</sub> antibodies in rats," <i>NeuroReport</i> , March 1998, pages 731-735, Vol. 9, No. 4, Rapid Science Publishers.	
		MARIE R. YOUNG, et al., "Antisense Ablation of Type I Metabotropic Glutamate Receptor mGluR <sub>1</sub> Inhibits Spinal Nociceptive Transmission," <i>Journal of Neuroscience</i> , December 1998, pages 10180-10188, Vol. 18, No. 23, New York, NY.	
		T.E. SALT, et al., "ANTAGONISM OF METABOTROPIC GLUTAMATE RECEPTOR-MEDICATED RESPONSES AND NOCICEPTIVE RESPONSES BY THE mGluR1-SELECTIVE ANTAGONIST LY367385 IN THE RAT THALAMUS," <i>British Journal of Pharmacology</i> , 1998, page 15P, Vol 123.	
		Lee J. Martin, et al. "Cellular Localization of a Metabotropic Glutamate Receptor in Rat Brain" <i>Neuron</i> , Vol. 9, 259-270, August 1992	
		Peter Holzer "Capsaicin: Cellular Targets, Mechanisms of Action, and Selectivity for Thin Sensory Neurons" <i>Pharmacological Reviews</i> , Vol. 43, No. 2, 143-201, 1991	
		Salt, T.E. et al., "The Function of Metabotropic Excitatory Amino Acid Receptors in Synaptic Transmission in the Thalamus: Studies with Novel Phenylglycine Antagonists", <i>Neurochem. Int.</i> Vol. 24 No. 5, pp. 451-458, 1994	
		Fisher, Kim et al., "Intrathecal administration of the mGluR compound, (S)-4CPG, attenuates hyperalgesia and allodynia associated with sciatic nerve constriction injury in rats", <i>International Association for the Study of Pain</i> , Pain 77 (1998) pp. 59-66.	
		Fundytus, Marian E. et al., "In vivo antinociceptive activity of anti-rat mGluR <sub>1</sub> and mGluR <sub>5</sub> antibodies in rats", <i>Rapid Science Publishers</i> , Vol. 9, No. 4, March 9, 1998, pp. 731-735	
		Neugebauer, Volker et al., "Role of Metabotropic Glutamate Receptor Subtype mGlu R1 in Brief Nociception and Central Sensitization of Primate STT Cells", <i>The American Physiological Society</i> , 1999, 272-282	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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